

What is claimed is:

1. A mechanical model simulator, comprising:
a part information storage unit storing three-
5 dimensional shape and position information about
each part and information about a moving unit of
each part; and
a user interface unit displaying the three-
dimensional shape of each part and a model
10 indicating the moving unit of each part based on
contents stored in the said information storage
unit, and specifying models of a plurality of
moving units by a pointing device, thereby
specifying a drive unit and a subordinately moving
15 unit interlocked with the drive unit.
2. The simulator according to claim 1, wherein
said user interface unit further displays a
binding condition of each moving unit and a
20 direction of propagation of a movement of the
interlock.
3. The simulator according to claim 1, wherein
said user interface unit further specifies a
25 geometric binding condition, displays the geometric

binding condition, and extracts and displays with high intensity a shape for determination of the specified geometric binding condition.

5 4. A computer-readable storage medium storing a program use to direct a computer to perform the function of

 based on three-dimensional shape and position
 information about each part stored in advance and
10 information about a moving unit of each part,
 displaying the three-dimensional shape of each part
 and a model indicating the moving unit of each part,
 and specifying models of a plurality of moving
 units by a pointing device, thereby specifying a
15 drive unit and a subordinately moving unit
 interlocked with the drive unit.

5. The storage medium according to claim 4,
 further comprising the function of:

20 displaying a binding condition of each moving
 unit and a direction of propagation of a movement
 of the interlock, or specifying a geometric binding
 condition and extracting and displaying with high
 intensity a shape for determination of the
25 specified geometric binding condition.

6. A computer data signal embodied in a carrier wave storing a computer program used to direct a computer to perform

5 based on three-dimensional shape and position information about each part stored in advance and information about a moving unit of each part, displaying the three-dimensional shape of each part and a model indicating the moving unit of each part,
10 and specifying models of a plurality of moving units by a pointing device, thereby specifying a drive unit and a subordinately moving unit interlocked with the drive unit.

15 7. An interlock system setting method, comprising based on three-dimensional shape and position information about each part stored in advance and information about a moving unit of each part, displaying the three-dimensional shape of each part
20 and a model indicating the moving unit of each part, and specifying models of a plurality of moving units by a pointing device, thereby specifying a drive unit and a subordinately moving unit interlocked with the drive unit.

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